Table 1: Significance table.

	Events$_a fter_a lphat_a nd_P FSL_c uts$	Events$_a fter_a lphat_a nd_S L_c uts$	Events$_a fter_a lphat_r e_a nd_P FSL_c uts$	Events$_a fter_a lphat_r e_a nd_S L_c uts$
QCD$_P t15$	4791 +- 4791	9581 +- 6775	4791 +- 4791	9581 +- 6775
QCD$_P t30$	388 +- 388	388 +- 388	388 +- 388	388 +- 388
QCD$_P t80$	68.25 +- 25.8	117 +- 33.78	68.25 +- 25.8	107.3 +- 32.34
QCD$_P t170$	23.44 +- 2.527	12.54 +- 1.849	21.8 +- 2.438	10.9 +- 1.724
QCD$_P t300$	2.694 +- 0.1868	0.2591 +- 0.05793	2.409 +- 0.1767	0.1813 +- 0.04847
QCD$_P t470$	0.571 +- 0.02806	0.001379 +- 0.001379	0.5048 +- 0.02639	0.001379 +- 0.001379
QCD$_P t800$	0.0344 +- 0.00108	0 +- 0	0.03012 +- 0.001011	0 +- 0
QCD$_P t1400$	0.0003129 +- 1.029e-05	0 +- 0	0.0002804 +- 9.739e-06	0 +- 0
TTbar$_t emp$	66.91 +- 0.6493	62.73 +- 0.6287	59.74 +- 0.6135	55.48 +- 0.5912
WJets$_t emp$	208.6 +- 26.94	281.7 +- 31.3	219.1 +- 27.6	278.2 +- 31.1
ZJets$_t emp$	4.126 +- 0.5326	5.019 +- 0.5875	4.126 +- 0.5326	5.088 +- 0.5915
ww$_p at_1$	4.388 +- 1.388	3.95 +- 1.317	3.95 +- 1.317	3.95 +- 1.317
wz$_p at_1$	2.821 +- 0.5151	3.291 +- 0.5563	2.821 +- 0.5151	3.291 +- 0.5563
zz$_p at_1$	1.334 +- 0.3145	1.408 +- 0.3231	1.334 +- 0.3145	1.482 +- 0.3315
LM0$_t emp$	76.68 +- 0.6146	64.07 +- 0.5619	62.01 +- 0.5528	49.71 +- 0.4949
Significancy	1.028	0.6266	0.8315	0.4866
QCD Significancy	1.056	0.6376	0.8541	0.4949